## What Is Claimed Is:

1	<ol> <li>A test unit for an aircraft cabin telephony system, comprising:</li> </ol>
2	a pair of connectors for inserting the test unit in-line within the system;
3	an AC voltage module operative to indicate the presence of an AC voltage
4	when the test unit is connected to the Cabin Delivery System connector of the
5	cabin telephony system;
6	a signal module operative to detect the presence of data signals when the
7	test unit is connected to the Cabin Delivery System connector;
8	a DC power module operative to indicate the presence of DC voltage when
9	the test unit is connected to a seat telephony box within the cabin telephony
10	system; and
11	an AC current module operative to detect an over-current condition when
12	the test unit is connected to the Cabin Delivery System connector of the cabin
13	telephony system.
1	2. The test unit of claim 1, further comprising:
2	a relay bank operative to selectively couple the AC voltage module, signal
3	module, and DC power module to the pair of connectors as a function of the AC
4	voltage present on the connectors.
1	The test unit of claim 2, wherein the signal module comprises
2	means for detecting the presence of E1 signals.

1	4. The test unit of claim 3, wherein the AC voltage module
2	comprises:
3	an AC voltage detect unit having
4	a window comparator, and
5	a current source coupled to the comparator.
1	5. The test unit of claim 4, wherein the signal module comprises:
2	an inbound E1 signal module configured to detect the presence of inbound
3	E1 signals; and
4	an outbound E1 signal module configured to detect the presence of
5	outbound E1 signals.
1	6. The test unit of claim 5, wherein each of the E1 signal modules
2	comprises:
3	a monostable multivibrator configured to lengthen the duration of the
4	pulses of the E1 signal.